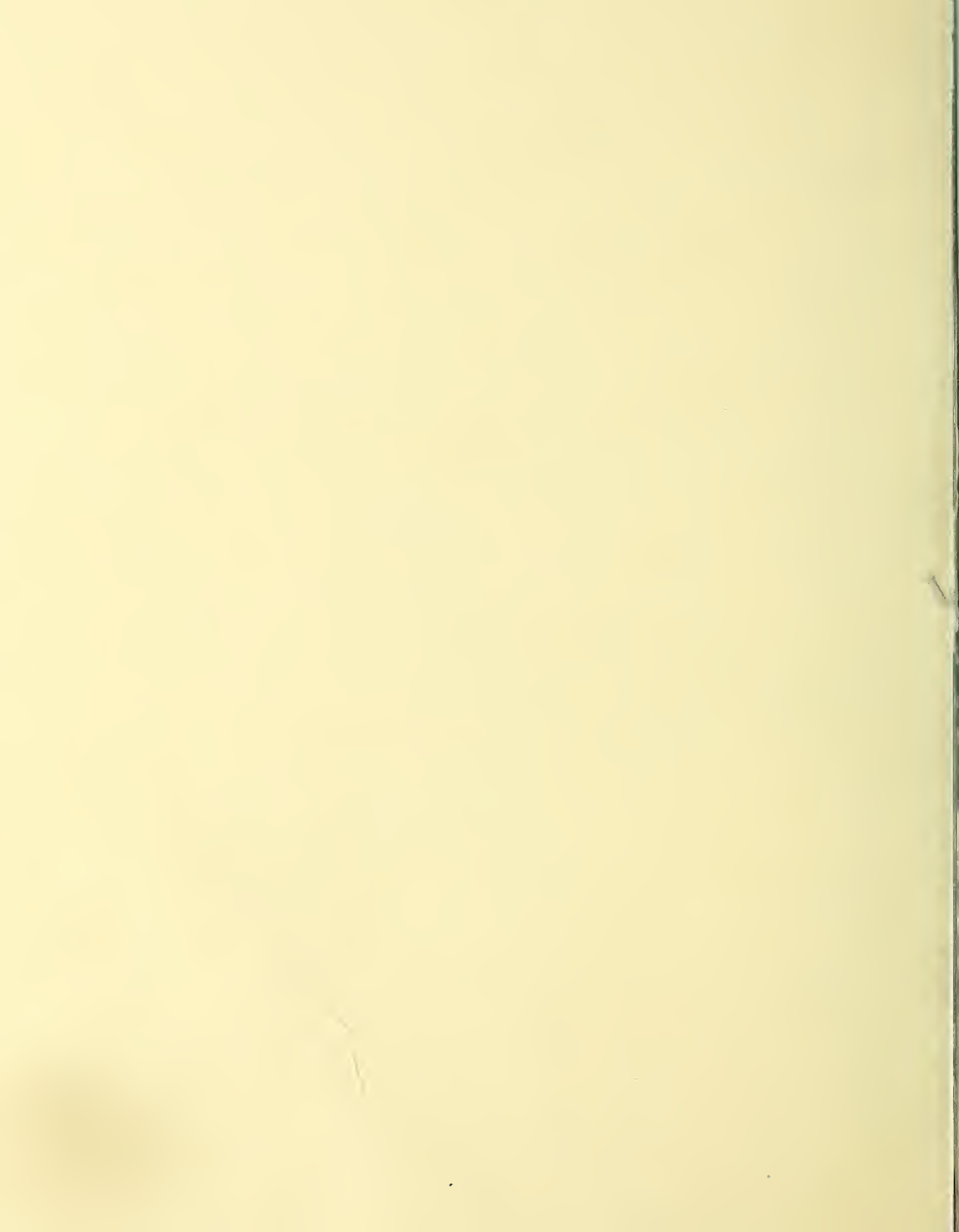
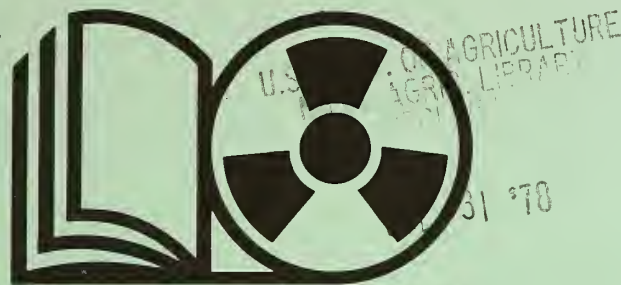


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AGRICULTURAL LIBRARIES INFORMATION NOTES

THE USDA - STATE RESEARCH PARTNERSHIP

By M. Rupert Cutler, Assistant Secretary of Agriculture for Conservation, Research, and Education, before the SEA/Cooperative Research Workshop for Cooperating State Research Administrators, Washington, D.C., May 8, 1978. Editor's Note: The following are excerpts.

The main purpose of this conference is to help you become better acquainted with the Science and Education Administration and with procedures related to federally-funded State Research programs.

You represent some 60 percent of the publicly-supported agriculture and forestry research effort of the country. The Contribution your research units make to our State-Federal cooperative research effort is very important.

There have been a number of important and far-reaching developments during the past year or so that will continue to have major impact on all of us in this area of responsibility for some time to come.

First, we've had a number of excellent efforts to *delineate research needs* in various subject-matter fields. Current efforts began with the Kansas City Food Research Needs conference in 1975. Then the home economists spent a year developing their research needs and priorities.

The foresters have just completed a series of regional and national conferences for the same purpose. The foresters were especially successful in getting *users* of forestry research involved with them in identifying research needs.

There are similar stirrings in other discipline areas--soil and water conservation, and communications, for example. And I'm sure a number of these also will result in clarifying research needs and priorities for the years ahead.

I feel these conferences and efforts are an indication of some of the growing excitement and foment going on in research right now. We're doing some of the most comprehensive joint planning ever. I'm sure all this effort will pay off for research and for our country in the long run.

Our State-Federal partnership works well. We're doing some things now that will improve it even further. We need your help to make it even better.

The constant question is: How can we best arrange things to assure that this partnership is a two-way process--that the partnership realizes its potential for our society--and that we make the very best and most productive use of the resources we share among us?

We must make sure our partnership is serving the people of this country in the best way possible. I'm known for my interest in and commitment to environmental improvement. Having the best human environment possible is extremely important.

But I also realize--as you do--that the farmer must make a living. This is one of the dilemmas--one of the challenges--that face you and me. How do we resolve these two sometimes opposing necessities? How do we orient our research so that it takes both into account as much as possible?

I certainly recognize that the farmer has necessarily always been an environmentalist. It is our job to make him both a better environmentalist *and* a better farmer over the long haul.

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Our need in forestry has some of the same aspects. How can we make the forests of our nation produce the way they should and still maintain the quality of our environment? Again, those of us responsible for research cannot dodge this question as a major challenge.

One thing the Department has not worked at hard enough over the past years has been its responsibilities for *diffusing* new knowledge and ideas. We plan to change this. This will be particularly true in the area of natural resource information; we simply do not have the information diffusion system in this area that we do for commercial agriculture. We must develop it.

We are serious about getting feedback from users, consumers, the research community, and others about and for our programs. We had our first meeting of the new Joint Council on Food and Agricultural Sciences the end of April. This is just one step of many we will be taking to this end.

We're serious about maintaining and improving the State-Federal partnership. In SEA, for example, our plans are to bring many State people in on temporary assignments to help us. SEA/Cooperative Research has had a long history of doing this. We want to expand that kind of interaction. We plan to see that over a third of the SEA staff in the areas of program planning, evaluation, and impact will be *State* people on these assignments.

Our intent at the Federal level *is* to strengthen and support the partnership concept. We definitely want to continue and to strengthen the ability of the states to contribute to this partnership. At the same time, we are hoping to strengthen not just the universities and particularly the land-grant universities. We are trying to involve as much talent and effort from wherever it may come in helping agriculture and forestry.

Another thing that our reorganization is doing is giving us the opportunity of making more of such services as the Current Research Information System (CRIS), the AGRICOLA bibliographic service, and the Current Literature Awareness Service. While the first two of these have been available to State people before, the latter has not. And we hope that as a package, these three services will provide much that will help research scientists and administrators, we well as users.

I hope we also will be able to develop more extensively such information networks as WESTFORNET, being developed by the Forest Service and its university partners in the western half of the country.

You, your scientists, and your information staffs have a great responsibility to see that what we learn from research is diffused to those who can use it. The research job is not done until this takes place.

It is easier for a State research administrator to duck this responsibility—because he or she can always say “that’s Extension’s job.” But that’s a copout! It is *your* job to see that it is done, however it may be carried out or whoever does it.

Speaking of Extension reminds me of teaching. We in USDA have for the first time a role in support of agricultural teaching in higher education as a result of the Farm Bill of 1977 and Title XIV. We’re working right now on spelling out exactly what that means—and how we and your universities can work best in this area.

Just a few other statements about reorganization:

1. We’re going to improve the interactions among the various groups that are joining hands in SEA. We want stronger interaction between Extension and Federal research. We want stronger interaction between the Federal side and the State side. We want more interaction and cooperation among the states.
2. We want to improve our capacity to evaluate and analyze the needs of agriculture and rural life so that research and Extension can better mobilize to meet those needs.
3. We want to be sure that the public gets a larger voice in our decisions, so that we can improve our effectiveness.
4. We are working out our new role in aquaculture—a field that could be very important to the future of our country.
5. We are looking for ways that agriculture can contribute to the energy field.

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CAPITOL HILL LEGISLATION



Legislation under consideration or reports of the most pertinent agricultural legislation before the U.S. Congress are available at Federal depository libraries where they may be used; larger public libraries also have sets available. USDA personnel should contact their D.C. Headquarters office for access to bills.

H.R. 5052. Tariff Bill. Passed House on July 18, 1977; reported by Senate Finance Committee May 2, 1978 (*S. Rept. 95-777*); amended and passed the Senate May 5, 1978 to include additional beef imports. House Ways and Means Committee held hearings May 22.

H.R. 11504 (and S. 2146). Agricultural Credit Act of 1978. House and Senate Conferees due to meet soon. Amends the *Consolidated Farm and Rural Development Act*, which includes authority for making and insuring loans to farmers, ranchers, and others.

H.R. 12222. International Development Assistance Act of 1978. Incorporates features from proposed Humphrey bill and eliminates some restrictions of the old *Foreign Assistance Act*. Directs President to establish the International Development Cooperation Administration with primary responsibility within the U.S. government for co-ordination of international development-related activities. Passed by House May 15.

H.R. 12433 (and S. 3084). Housing and Community Development Amendments of 1978. Include various changes in the rural housing programs. House and Senate Committees have reported (*H.Rept. 95-1161, May 15, 1978; S. Rept. 95-871, May 15, 1978*) and are expected to pass respective bills which will then go to conference.

S. 2990 (and H.R. 12486). Sugar Stabilization Act of 1978. Implement the International Sugar Agreement and effect changes in domestic sugar price support program. House Agriculture Committee held hearings May 23; Senate Finance Committee held hearings on May 11. Bills establish domestic price support levels for sugar at about 17 cents a pound. USDA has argued that this would be inflationary. The Administration submitted its own draft sugar bill to the speaker of the House May 24; it provides a lower price support level for sugar.

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6. We are examining basic and applied human nutrition knowledge and research to see how we can make more major contributions there.

7. Finally, we are working with many other agencies and groups to see that our views and needs are taken into account in some of the vital decisions being made today about agriculture. One example only--we have been working on agreements with the Environmental Protection Agency where we reach mutually agreeable understandings and actions to protect both the public and the farmer.

We're now into the second century of the State experiment stations. The first 100 years saw some great things come out of research for our nation and the world. The challenge to you--and to me--is to see what we can do to make our research programs of this second century really meet the challenges of today and mean something vital and important for all of us . . . and the Nation.





The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged. The foreign titles are available from the Library through loan or photocopy.

Annotated Bibliography Relating to World Food Issues. Compiled by Emmanuel H. D'Silva and Ruth M. Tracy. Ithaca, Program in International Agriculture, Cornell University. 1978. 19 p. 116 citations. Order from: The Center for the Analysis of World Food Issues, Program in International Agriculture, Cornell University, 252 Roberts Hall, Ithaca, New York 14853. Cost: 1 copy free; additional copies \$.25 each.

Besplodie i ialovost' sel'skokhoziaistvennykh zhiivotnykh. Ukazatel' literatury za 1973-1976 gg. ...; Sterility and Barrenness of Farm Animals. Literature Guide for 1973-1976 ... Compiled by D. Kh. Bortnikova. Moskva, TsNSKhB VASKhNIL. 1977. 77 p. 398 annotated citations. Price unavailable.

Maloob'emnoe opryskivanie sel'skokhoziaistvennykh kul'tur. Ukazatel' literatury za 1966-1976 gg. ...; Low-Volume Spraying of Agricultural Crops. Literature Guide for 1966-1976 ... Compiled by L.I. Gavrilova. Moskva, TsNSKhB VASKhNIL. 1977. 112 p. 535 annotated citations. Price unavailable.

The following bibliographies can be ordered from: National Technical Information Service, U.S. Dept. of Commerce, 5285 Port Royal Road, Springfield, VA 22161.

Attitudes Toward Animals and Their Uses: Literature Citations and Animal Welfare Organization Data. Compiled by Daniel J. Witter, Washington, D.C., Economic Research Service, U.S. Dept. of Agriculture. October 1977. 79 p. 566 citations. Cost: \$6.00 for paper copy; \$3.00 for microfiche. (NAL call no.: aHDI751.A413).

Solar Crop Drying. Edited by Audrey S. Hundemann. (NTISearch NTIS/PS-78/0005). Springfield, Virginia, NTIS, U.S. Dept. of Commerce. January 1978. 36 p. 36 citations with abstracts from the Engineering Index Data Base. Cost: \$28.00. (NAL call no.: Z5853.S63S6).

Solar Water Pumps. Edited by Audrey S. Hundemann. (NTIS/PS-77/1161). Springfield, Virginia, NTIS, U.S. Dept. of Commerce. December 1977. 31 p. 31 citations with abstracts from the Engineering Index Data Base. Cost: \$28.00. (NAL call no.: Z5853.S63S65).

Water Pollution Effects of Metals on Fresh Water Fish: A Bibliography with Abstracts. Edited by Elizabeth A. Harrison. (NTIS/PS-77/0877). Springfield, Virginia, NTIS, U.S. Dept. of Commerce. October 1977.. 65 p. 65 citations. Cost: \$28.00. (NAL call no.: Z5862.2.W3W32).

The following bibliographies were published in 1977 and 1978 as part of the series *Aktuelle Literaturinformationen aus dem Obstbau* of the Universitätsbibliothek der Technischen Universität Berlin. Order from: Universitätsbibliothek der Technischen Universität Berlin, Abt. Publikationen, Strasse des 17. Juni 135, D-1000 Berlin 12 (Charlottenburg), Germany. (NAL call no. for series: Z5996.F8A4). Price unavailable.

Wirtschaftsfragen im Obstbau. C. Arbeit, Kosten und Rentabilität im Apfelanbau; Economic Problems in Fruitgrowing. C. Labour, Costs and Profitableness in Apple Growing. Compiled by Herbert Wilhelm Debor. (Series, no. 65). 33 p. 317 citations.

Bibliographie des Internationalen Susskirschen-Schrifttums; Bibliography of the International Literature on Sweet Cherries. Compiled by Herbert Wilhelm Debor and Rosemarie Emig. (Series, no. 66). 40 p. 371 citations.

Die Verwendung von Folien im Obstbau; The Use of Plastics in Fruit Growing. Compiled by Herbert Wilhelm Debor. (Series, no. 67). 38 p. 346 citations.

Bibliographie des Internationalen Pistazien-Schrifttums; Bibliography of the International Literature on Pistachios. Compiled by Peter Ludders and Herbert Wilhelm Debor. (Series, no. 68). 24 p. 211 citations.

Bibliographie des Internationalen Erdbeeren-Schrifttums; Bibliography of the International Literature on Strawberries. Compiled by Herbert Wilhelm Debor and Dirk Franken. (Series, no. 69). 43 p. 384 citations.

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Anwendung und Wirkung von CCC auf Obstgewachse und Weinreben; Application and Grape Vines. Compiled by Peter Ludders and Herbert Wilhelm Debor. (Series, no. 70). 34 p. 318 citations.

The following bibliographies were published as part of the *Exchange Bibliography* series of the Council of Planning Librarians (NAL call no. for series: Z690.A1C6), and can be ordered from: Council of Planning Librarians, P.O. Box 229, Monticello, Illinois 61856.

Agribusiness: A supplement to CPL Exchange Bibliography no. 1019. Compiled by Eric L. Swanick. (Series, 1529). 1978. 7 p. 80 citations. Cost: \$1.50.

Land Use in Canada During the Seventies: A Supplement to CPL Exchange Bibliography no. 1180. Compiled by Eric L. Swanick. (Series, 1516). 1978. 6 p. 77 citations. Cost: \$1.50.

Wilderness Preservation, Planning and Management: An Annotated Bibliography. Compiled by Adam Halicki Conrad. (Series, 1516). 1978. 54 p. Approximately 355 citations. Cost: \$5.50.

Clearance has been granted to compile the following bibliographies:

Bibliography on the Infiltration of Water into Soils. Compiled by Paul G. Lawless. For information contact: Paul G. Lawless, Hydrograph Laboratory, Room 139, Building 007, BARC-West, Beltsville, Maryland 20705.

Rooting Habits of Important Tree Species in the Northeastern U.S. Compiled by C.R. Blomquist. For information contact: Raymond G. Weinmann, Director of Timber Management, U.S.D.A., Forest Service, 633 West Wisconsin Avenue, Milwaukee, Wisconsin 53203.

Clearance has been granted to publish the following bibliography:

Extractives in Eastern Hardwoods: A Review. Compiled by John W. Rowe and Anthony H. Conner. For information contact: Max A. Davidson, Editor, Publications, Information Group, U.S.D.A., Forest Service, Forest Products Laboratory, P.O. Box 5130, Madison, Wisconsin 53705.

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the TIS Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length (approximately 150 citations or more) and probable value to a larger audience. All titles in this series will be listed for four months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

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Technical Information Systems, SEA, USDA
National Agricultural Library Building
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NAL — BIBL. — 78-05. *Double Cropping and Interplanting, 1972-1977.* 230 citations from AGRICOLA. Search by Charles N. Bebee.

NAL — BIBL. — 78-06. *Careers in Agriculture, 1970-1977.* 90 citations from CAIN. Search by David R. Hoyt.

NAL — BIBL. — 78-07. *Conservation in Greenhouses, 1970-1977.* 254 citations from AGRICOLA. English only. Search by Charles N. Bebee.

NAL — BIBL. — 78-08. *Drip Irrigation, 1970-1977.* 265 citations from AGRICOLA. English only. Search by Charles N. Bebee.

NAL — BIBL. — 78-09. *Selected research on Farm Animal Reproduction, 1971-1977.* 84 citations from CAIN. English only. Search by David R. Hoyt.

NAL — BIBL. — 78-10. *Home Canning, Freezing and Preserving, 1970-1978.* 169 citations from AGRICOLA. English only. Search by Nancy H. Lewis. April 1978.

NAL — BIBL. — 78-11. *Training, Management and Evaluation of Extension Work, 1970-1978.* 278 citations from AGRICOLA. English only. Search by Nancy H. Lewis. April 1978.

NAL — BIBL. — 78-12. *Parity and Price Supports In Agriculture, 1970-1977.* 236 citations from CAIN. Search by David R. Hoyt. June 1978.



Conservation of Germplasm Resources: An Imperative. Committee on Germplasm Resources; Division of Biological Sciences, Assembly of Life Sciences, National Research Council. National Academy of Sciences, 1978; 127 pp.; ISBN 0-309-02744-6; \$6.50. Order from the Printing & Publishing Office, National Academy of Sciences, 2101 Constitution Ave., N.W., Washington, D.C. 20418.

Federal Aid to States in the Northeast: Fiscal Year 1977. Report to the Extension Northwest Public Policy Committee. Prepared by Daniel S. Kuennen, Area Agent, Community Resource Development, University of Delaware. June 1978; 31 pp. Free. Order from the University, R.D. 2, Box 48, Georgetown, DE 19947.

Governmental Finances in the Northeast, 1975-1976. Report to Northeast Extension Public Policy Committee. Daniel S. Kuennen, Area Agent, Community Resource Development, University of Delaware. June 1978; 60 pp. Free. Order from the University, R.D. 2, Box 48, Georgetown, DE 19947.

Proceedings of the Weed Science Conference, 1977. Indian Society of Weed Science. 288 pp. U.S. \$8.00; Rs. 15 (India). Order from Treasurer I.S.W.S., Department of Agronomy, APAU, Rojendranagar, Hyderabad 500 030, A.P., India.

Producing Earthworms. Ronald K. Abe, William L. Braman, and Ocleris Simpson. Science and Education Administration, Cooperative Research, USDA. (SEA/CR 616-15-12). Free. Request from Fort Valley State College, Fort Valley, Georgia.

Summary Report 1976. Food Protection and Toxicology Center, University of California, Davis; 87 pp. Free. Order from the Center, Davis, CA 95616.

Symposium on Nutrition and Health: Role of the Federal Agencies, Annual Meeting, Food and Nutrition Board, December 8, 1977. Food and Nutrition Board; Division of Biological Sciences, Assembly of Life Sciences, National Research Council (Food and Nutrition Board, 1978; 36 pp.; available from the board; supply limited). Order from the Board at 2101 Constitution Ave., N.W., Washington, D.C. 20418.

Symposium on Weed Control, May 3-6, 1978. [Papers]. Price unavailable. Order from Secretary-Treasurer WSSP Inc., BioScience Building C-222, U.P. Los Banos, College, Laguna 3720, Philippines.

**NEW SERIALS
RECEIVED AT NAL**



Annual Reports on Fermentation Processes, New York, Academic Press, v. 1, 1977 — QR151.A54

Cell Biology, New York; London, Academic Press, v. 1, 1977 — QH573.C46

Cooperazione in Agricoltura, Roma, Associazione nazionale cooperative agricole della Lega nazionale cooperative e mutue, v. 1-2, 1977 — HD1491.A1C6

Farm Show, Lakeville, Minn., H.M. Johnson, v. 1, no. 1, 1977 — S671.F38

Feed-livestock Letter, Washington, Economic Research Service, USDA, Dec. 1977 — aHD9051.A1F45

Indian Veterinary Medical Journal, Badshahbagh, Lucknow, U.P., Veterinary Association, v. 1, no. 1, Mar. 1977 — SF601.I45

Northern Victoria Fruitgrower, Shepparton, Northern 'Victoria Fruitgrowers' Association, v. 1, no. 1, May 1977 — SB354.6
Supersedes *The Northern Victoria Fruitgrower*. (SB354.6.A88N6)

Roessleria, Porto Alegre, Brasil, Instituto de Pesquisas de Recursos Naturais Renovaveis "Ataliba Paz", v. 1, no. 1, 1977 — S900.R6

Studies in History of Biology, Baltimore, Md., John Hopkins University Press, v. 1, 1977 — QH305.S7

AGRICULTURAL TRANSLATIONS



Technical Information Systems reviews titles before translations are made in order to avoid duplication within U.S.D.A. We also receive copies on deposit often far in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at TIS.

These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. — along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. — MUST be on the request. Both types of requests should be sent to:

Lending Division, Technical Information Systems
National Agricultural Library Building
U.S. Department of Agriculture
Beltsville, Maryland 20705

BAKHTIN, P.U. et al. Multi-Factor Study of Specific Resistance of a Plow. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Sel'skogo Khozyaistva*. 10; 49-51. TRANS. No. 22806.

BAUER, K. Vaccination of Pigs With a DEAE Dextran Containing Bivalent FMD Vaccine. Translated from German: *Berliner und Meunchener Tieraerztliche Wochenschrift*. 87 (9), 170-173. 1974. TRANS. No. 22829.

BOCHORISHVILI, N.G. The Necessity of Creating Plow Bodies With Adjustable Parameters. Translated from Russian: *Sbornik Nauchnykh Trudov Moskovski Institut Inzhenerov Sel'skokhozyaistvennogo Proizvodstva*. 12(1) Chast. 1: 32-38. 1975. TRANS. No. 22808.

BOGOMYAGKIKH, V.A. et al. Influence of Speed of Propagation of Deformation in the Soil on the Draft Resistance of a Deformer and the Crumbling of the Slice. Translated from Russian: *Mekhanizatsiya i Elektrifikatsiya Sel'skokhozyaistvennogo Proizvodstva*. Vyp. 17; 103-108. 1974. TRANS. No. 22809.

CHEPUKIN, A.V. et al. Naphylactic Reaction in Cattle After FMD Vaccination. Translated from Russian: *Veterinariya*. 5: 64-65. 1975. TRANS. No. 22824.

GRENIER, S. et al. Synthetic Media for in Vitro Rearing of Phryxe Caudata Rond (Diptera, Tachinidae). II. Growth and Larval Moultings of the Parasitoid in Defined Media. Translated from French: *Annals de Zoologie: Ecologie Animale*. 7(1): 13-25. 1975. TRANS. No. 22628.

SEIBEL, W. Contribution of Bread to the Right Nutrition. Translated from German: *Deutsche Lebensmittel-Rundschau*. 71(7): 241-246. 1975. TRANS. No. 22797.

STROPPEL, A. A Method for Evaluation of Soil Tillage Operations with Respect to Effectiveness. Translated from German: *Grundlagen der Landtechnik*. 27(4): 108-114. 1977. TRANS. No. 22799.

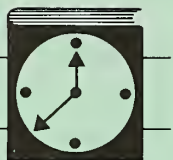
VERNYAEV, O.V. The Horizontal Component of the Draft Resistance and Torque of Active Sweeps, Accomplishing an Angular Oscillation in the Horizontal Plane. Translated from Russian: *Rabochie Organy Pochvoobrabatvyashchikh Mashin dlya Raboty s Moshchnymi Traktorami na Povyshen-Skorostyakh, Rostov-na-Donu*. pp.13-23. 1974. TRANS. No. 22813.

RALPH R. SHAW AWARD

Professor F.W. Lancaster, University of Illinois Graduate School of Library Science, has been awarded the Ralph R. Shaw Award for 1978 for "an outstanding contribution to library literature." This was announced by Dr. Richard Vorwerk, Governor's State University, Park Forest, IL, who is chairperson of the award committee.

The award, in recognition of Lancaster's *The Measurement and Evaluation of Library Services* (Information Resources Press, 1977), was presented at the annual conference of the American Library Association in June. Scarecrow Press sponsors the award in memory of Ralph Shaw founder of the Press. Shaw was director of the National Agricultural Library (formerly USDA Library) 1942-1954.

AGRICULTURE DATEBOOK



July 30-August 2: SOIL CONSERVATION SOCIETY OF AMERICA. Denver, Colorado, Hilton Hotel. Theme: "Resources for Food and Living: Land, Water, and Energy." Contact: SCSA offices, 7515 N.E. Ankeny Rd., Ankeny, Iowa 50221, phone 515-289-2331.

August 6-9: 5th NORTH FOREST SOILS CONFERENCE. Colorado State University, Fort Collins. Contact: Office of Conferences and Institutes, Rockwell Hall, Colorado State University, Fort Collins, CO 80523.

August 14-17: WORLD CONFERENCE AND EXHIBITION ON ENERGY FROM BIOMASS AND WASTES, Washington, D.C., Contact: Institute of Gas Technology, 3224 S. State Street, IIT Center, Chicago, IL 60616.

August 16-23: 3rd INTERNATIONAL CONGRESS OF PLANT PATHOLOGY, Munich, West Germany. Contact: Congress Plant Pathology, Biologische Bundesanstalt, Messeweg 11/12, D-3300 Braunschweig, West Germany.

August 20-24: CONFERENCE ON RENEWABLE ENERGY ALTERNATIVES, Ontario, Canada (city not known). Contact: Solar Energy Society of Canada, Inc., South West Ontario Chapter, P.O. Box 2220, Station A, London, Ontario, Canada N6A 4E3.

August 28-31: ANNUAL MEETING, AMERICAN SECTION, INTERNATIONAL SOLAR ENERGY SOCIETY, Denver, CO. Contact: Engineering Research Center, Foothills Campus, Colorado State University, Fort Collins, CO 80523.

August 30-September 3: RURAL SOCIOLOGICAL SOCIETY, San Francisco, CA. Contact: John E. Dunkelberger, Træas., 306A Comer Hall, Auburn Univ., Auburn, AL 36830.

September 4-8: IAEA SYMPOSIUM ON SEED PROTEIN IMPROVEMENT IN CEREALS AND GRAIN LEGUMES, Neuherberg, West Germany.

Contact: John H. Kane, Special Assistant for Conferences, Office of Technical Information, MS A1-5216, ERDA, Washington, D.C. 20545.

September 10-15: 176th AMERICAN CHEMICAL SOCIETY NATIONAL MEETING, Miami Beach, Florida. Contact: A.T. Winstead, American Chemical Society, 1155 16th Street, N.W., Washington, D.C. 20036.

September 10-16: 2nd INTERNATIONAL CONGRESS ON ECOLOGY (INTERCOL), Jerusalem, Israel. Contact: Professor G.A. Knox, Zoology Department, University of Canterbury, Private Bag, Christchurch 1, New Zealand.

September 13-15: CAPON SPRINGS PUBLIC POLICY CONFERENCE No. 3: RESOURCE AND ENVIRONMENTAL POLICY - AND THE FUTURE. Marymount College, Arlington, VA. Contact: Beverly Grafel, Director of Development, Box 8174, University Station, Grand Forks, N.Dakota.

September 17-21: 3rd SYMPOSIUM ON WEED CONTROL, C.N.R.A., Dakar, Senegal. Contact: J.R. Guillou, Dept. de Malherbologie, C.N.R.A., Route de St-Cyr, 78000 Versailles, France.

September 17-22: AMERICAN ASSOCIATION OF CEREAL CHEMISTS AND SIXTH INTERNATIONAL CEREAL AND BREAD CONGRESS, Winnipeg, Canada. Contact: Raymond Tarleton, Exec VP, 3340 Pilot Knob Rd., St. Paul, MN 55121.

AGRICULTURAL LIBRARIES INFORMATION

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